Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 21 Apr 2023 until 23:59 on Saturday 22 Apr 2023

Forecast Issued on Thursday 20 Apr 2023 at 14:06

Confidence: High for main theme of transition to more unsettled conditions, low for rain and shower detail.

Headline for Friday 21 Apr 2023: Turning unsettled, rather cloudy and windy, with a band of rain perhaps edging northwards, followed by a risk of more sporadic heavy showers.

Mountain weather hazards on Friday 21 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Cloudy	Heavy Rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
10%	20%	20%	20%	60%	60%	60%	60%

Forecast for Friday 21 Apr 2023

Weather: Cloudy through the early hours with spells of light rain. Cloud perhaps briefly developing breaks first thing but soon thickening ahead of a heavier and more prolonged period of rain edging northwards later in the morning. This will be coupled with strong winds and poor visibility to present more hazardous conditions on the slopes than of late. Once set in, the rain may persist for much of the remainder of the day, although there is low confidence in this aspect, and some waxing and waning is likely within this.

Chance of cloud-free hill tops above 600m: The highest ground may just stand clear first thing, else perhaps 30% and deteriorating.

Low Cloud and visibility: Generally good, but with significant deterioration likely. Low cloud above 400 metres during the morning, perhaps rising to 600 before perhaps falling to near valley floors into the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 21 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/34 NE	22/31 NE	25/34 NE	31/43 NE	31/44 E	28/40 E	21/31 E	18/28 E	17/26 NE
300	16/37 NE	14/32 NE	14/32 NE	19/40 NE	21/42 E	21/42 E	15/31 NE	13/27 NE	12/26 NE
Valley	6/21 NE	9/23 NE	10/25 NE	13/30 NE	14/32 NE	16/35 NE	10/23 NE	8/19 NE	9/21 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-3	4/-2	6/-0	7/1	6/1	5/-0	4/-1	4/-1
300	5/1	5/1	6/2	9/6	11/7	10/6	8/4	6/3	6/3
Valley	6/5	7/4	8/5	11/9	13/10	12/9	10/8	8/6	8/5
Freezing Level*	1400m	1400m	1500m	1600m	1600m	1600m	1600m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Continued strong winds will be coupled with rain and more prolonged low cloud than of late to give a more significant risk of windchill and navigational difficulties.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 20 Apr 2023	0mm	0mm	0mm

Forecast for Saturday 22 Apr 2023

Weather: High uncertainty in details – keeping abreast of the latest forecast advised. Probably wet at first, with extensive low cloud. Probably rather cloudy on the whole throughout, with rain later moving north, perhaps replaced later by a further swathe spreading in from the southwest. Probably remaining cloudy even in drier periods. Winds from the east most likely.

Maximum wind: Easterly 20mph

Chance of cloud-free hill tops above 600m: Near nil, then perhaps 60% later, but detail elusive.

Low Cloud and visibility: Risk of more extensive low cloud to 400 metres, lifting and breaking later. Moderate visibility improving good.

Temperature: **Valleys:** Plus 3 becoming plus 13 Celsius.
At 600m: Plus 7 Celsius.
Freezing level: Above the summits.

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